

Inventor: TANAKA et al.
Docket No.: 10873.877USWO
Title: THE MATRIX TYPE DISPLAY APPARATUS, METHOD FOR DRIVING THE
SAME, AND DISPLAY ELEMENT
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
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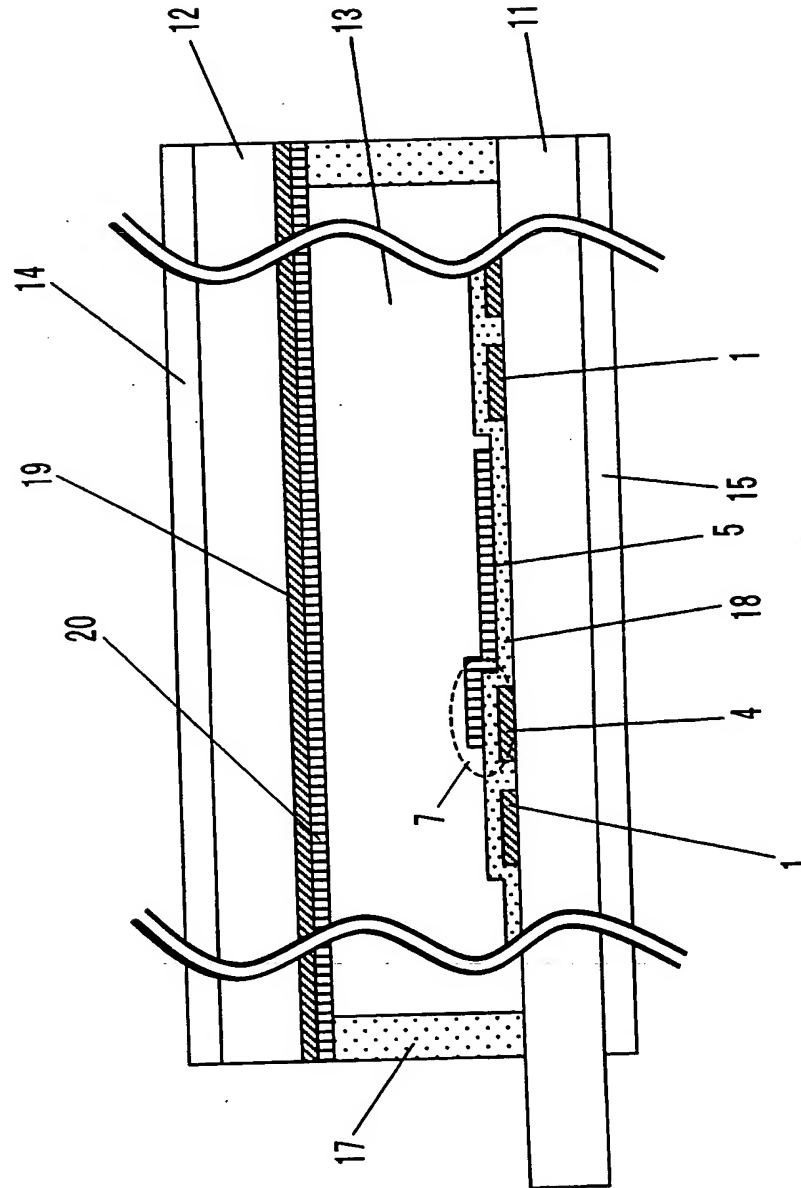
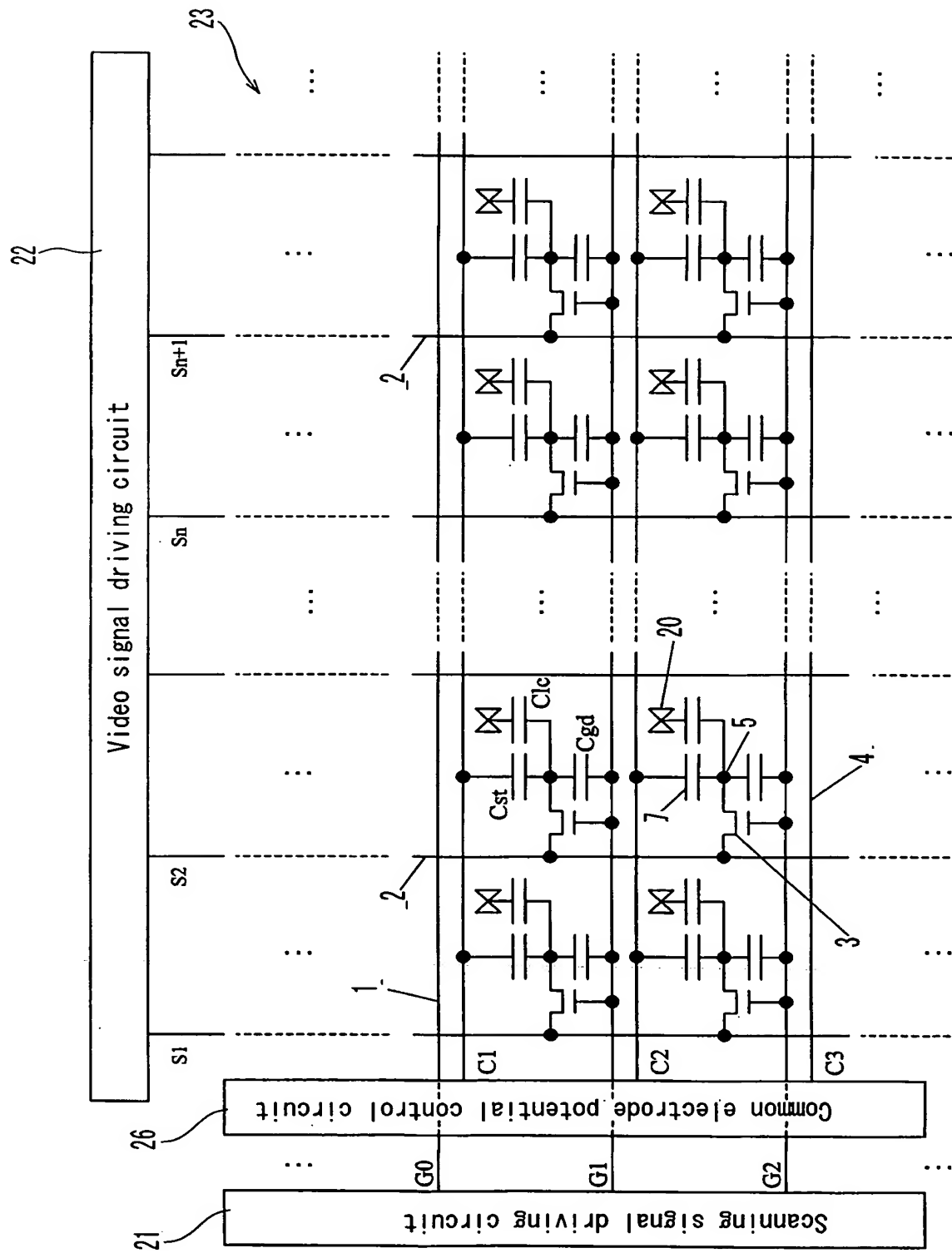


FIG. 2



(Portion close to feeding ends)

(Portion away from feeding ends)

FIG. 3

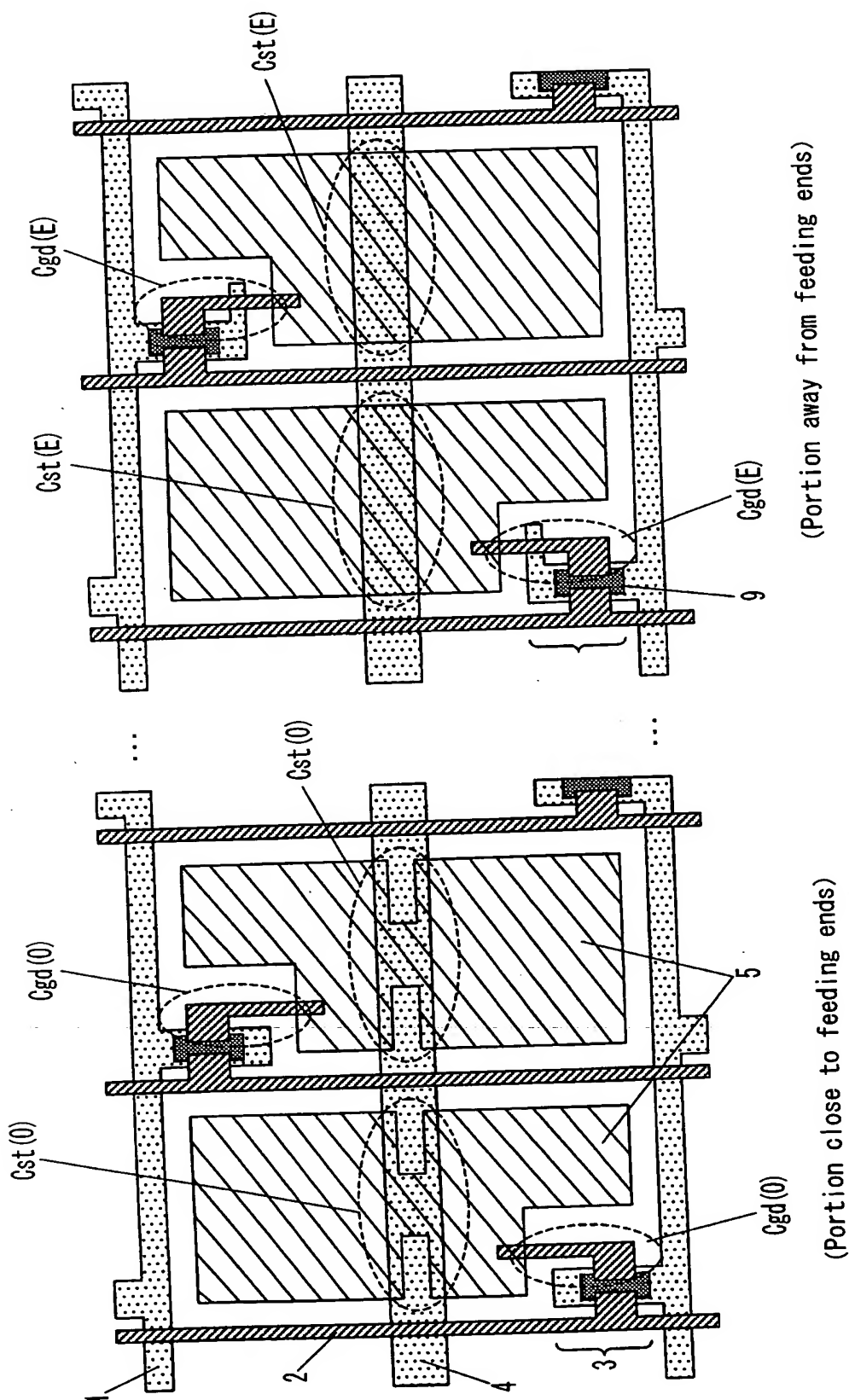
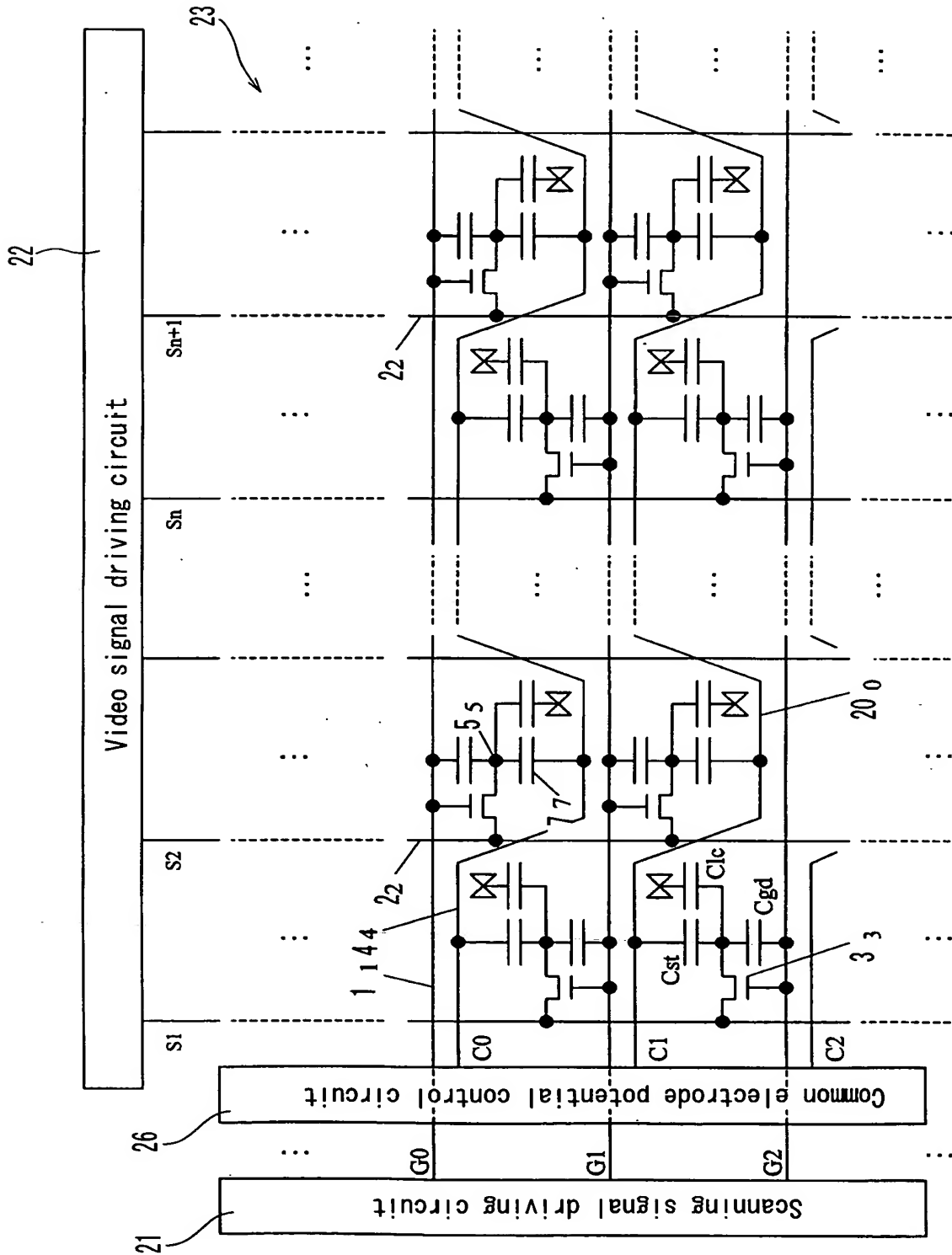


FIG. 4



(Portion close to feeding ends)

(Portion away from feeding ends)

FIG. 5

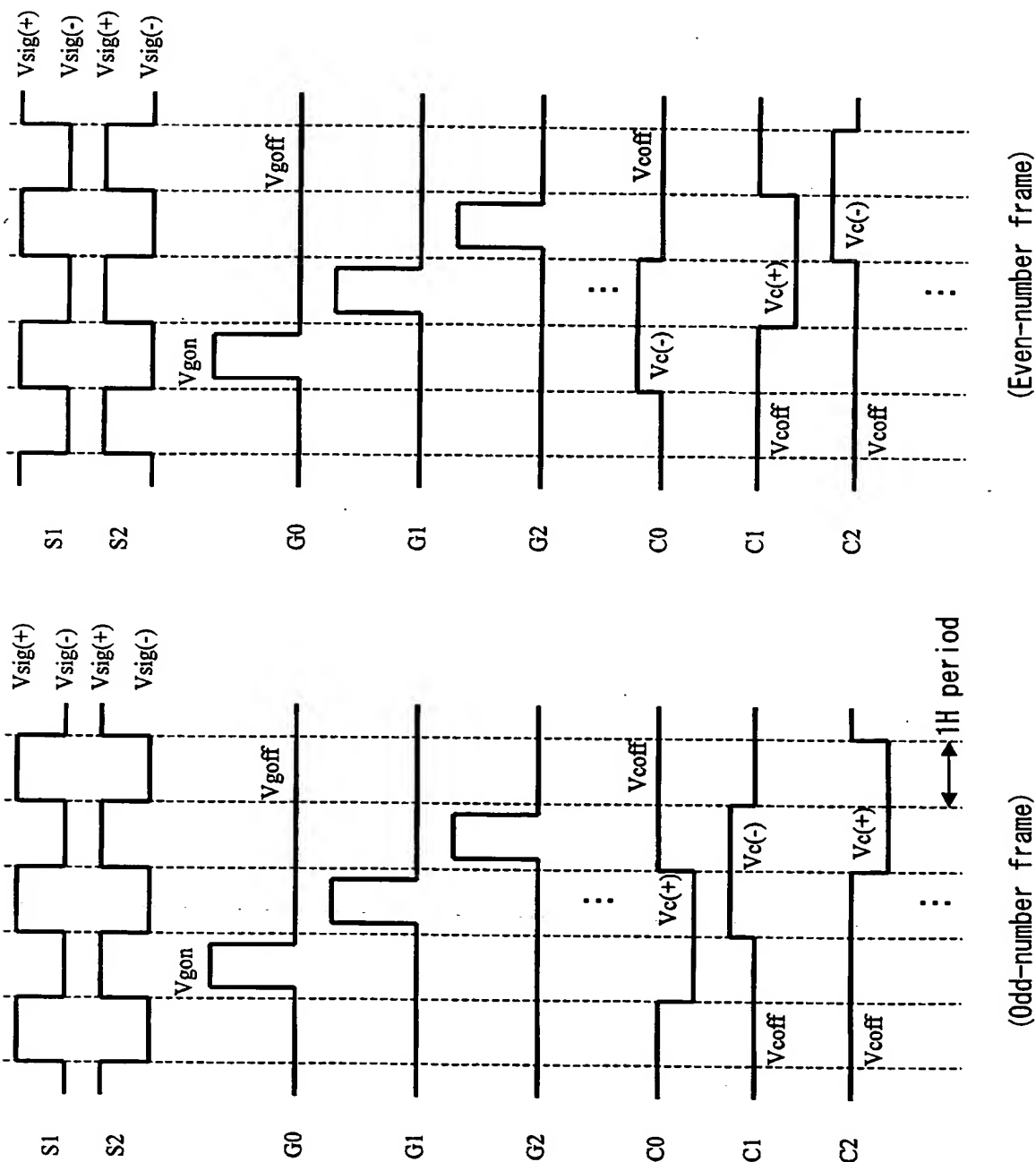


FIG. 6A

FIG. 6B

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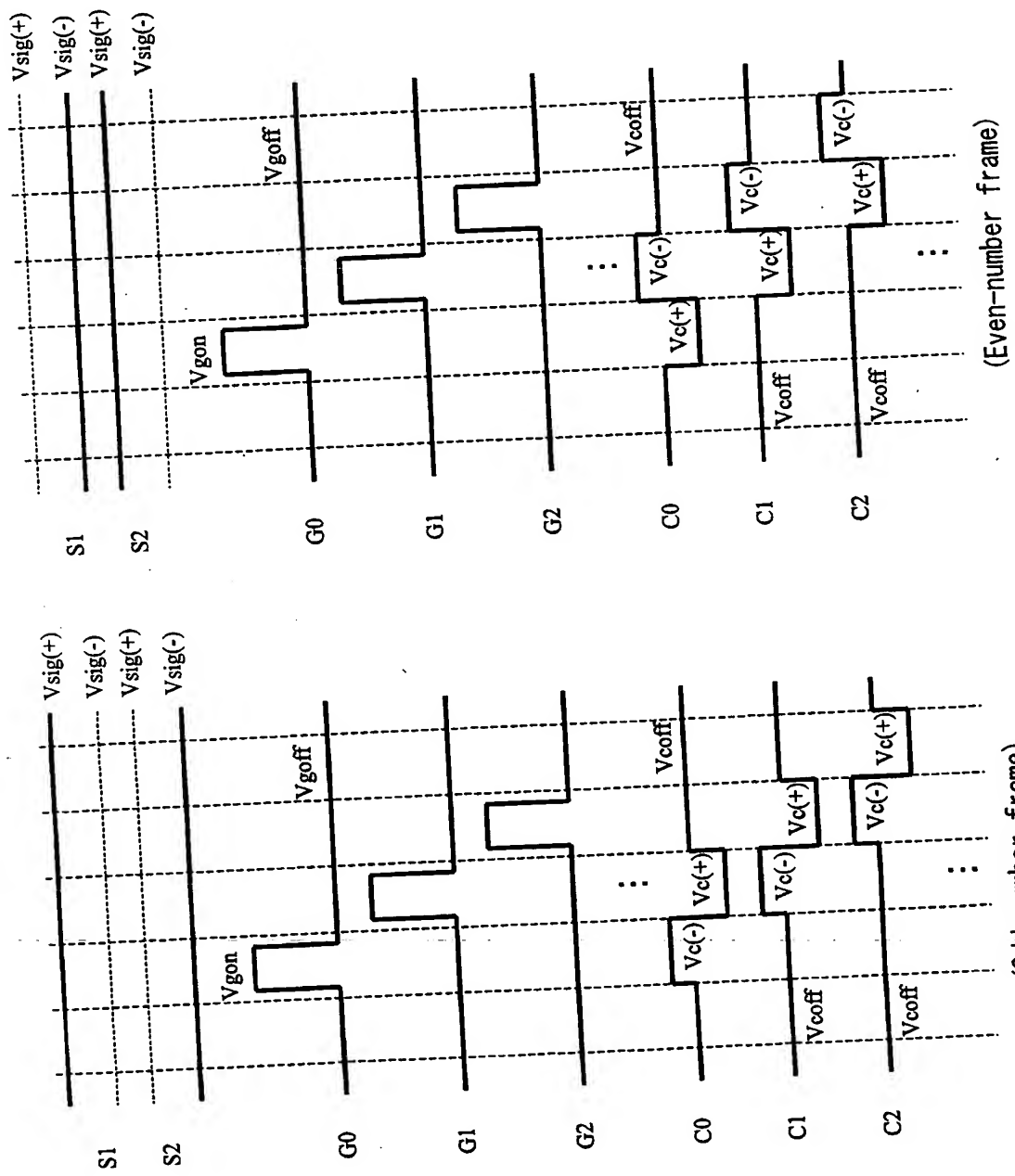


FIG. 7B

(Odd-number frame)

FIG. 7A

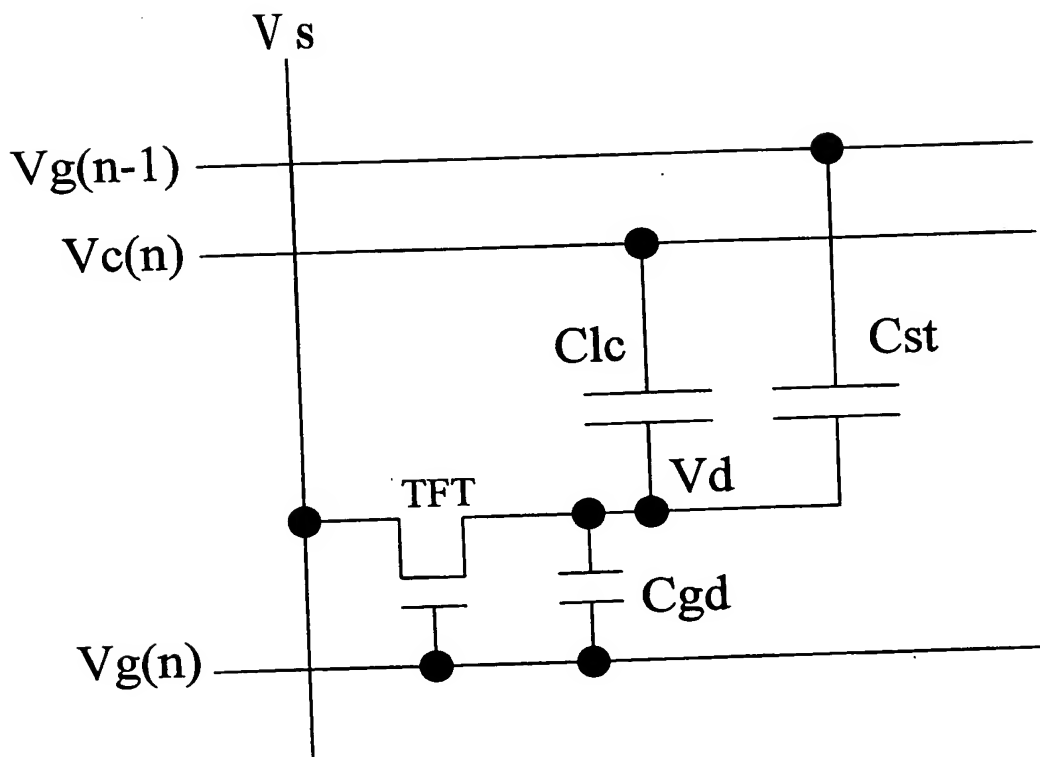


FIG. 8

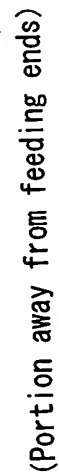
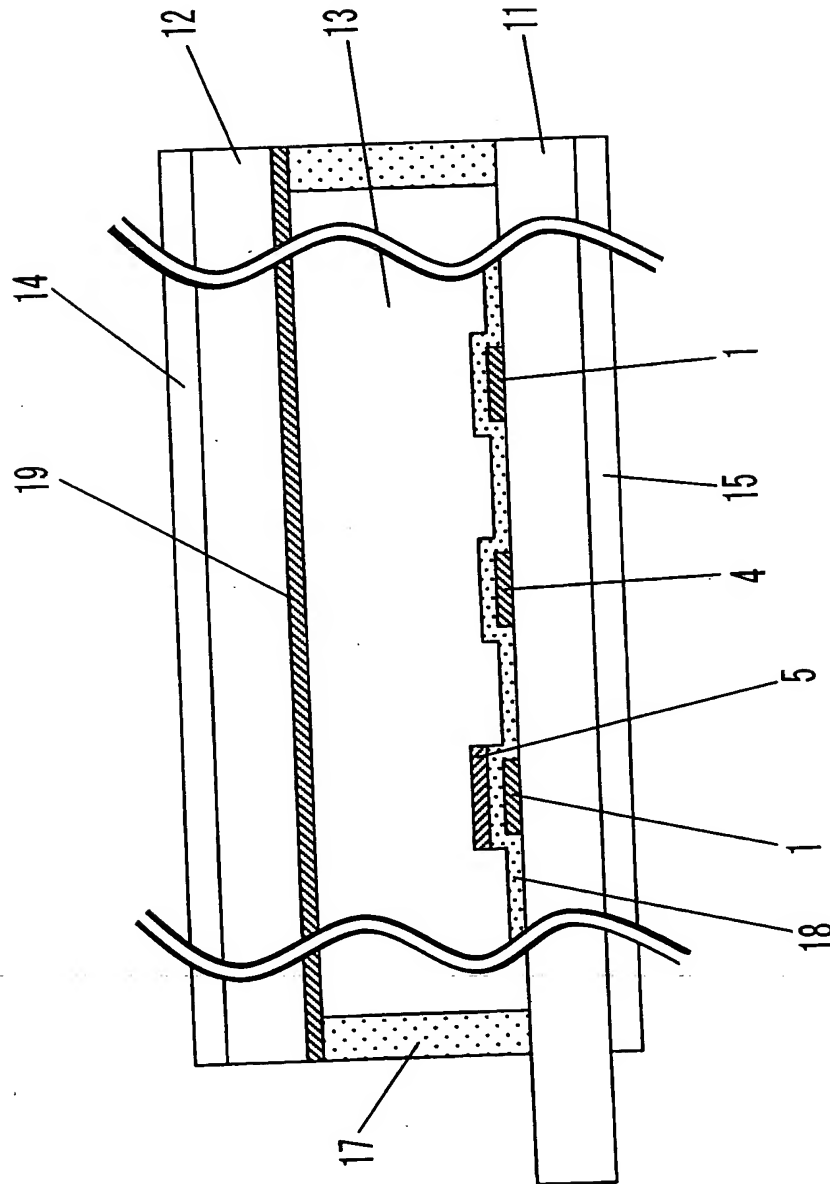
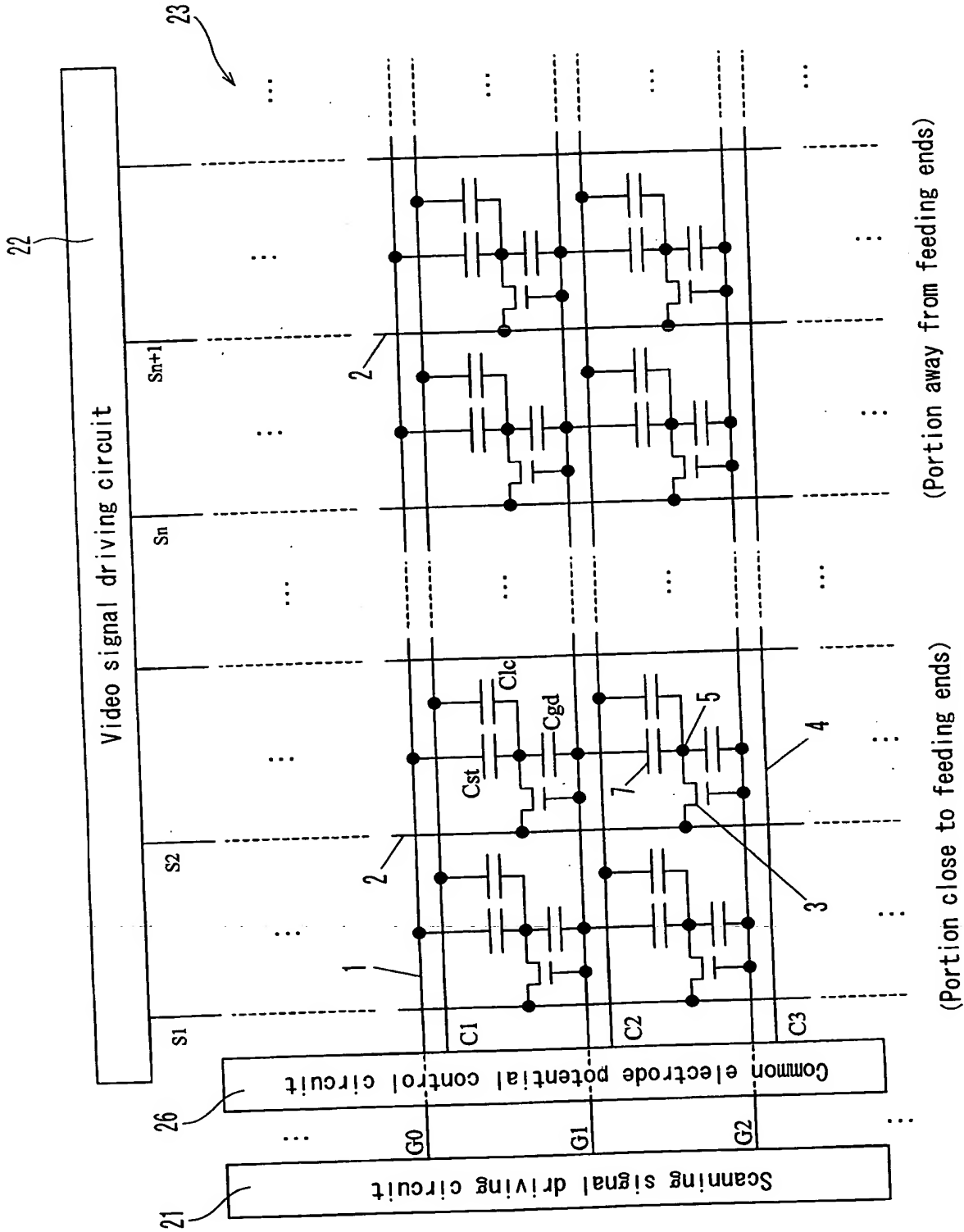


FIG. 9

(Portion close to feeding ends)



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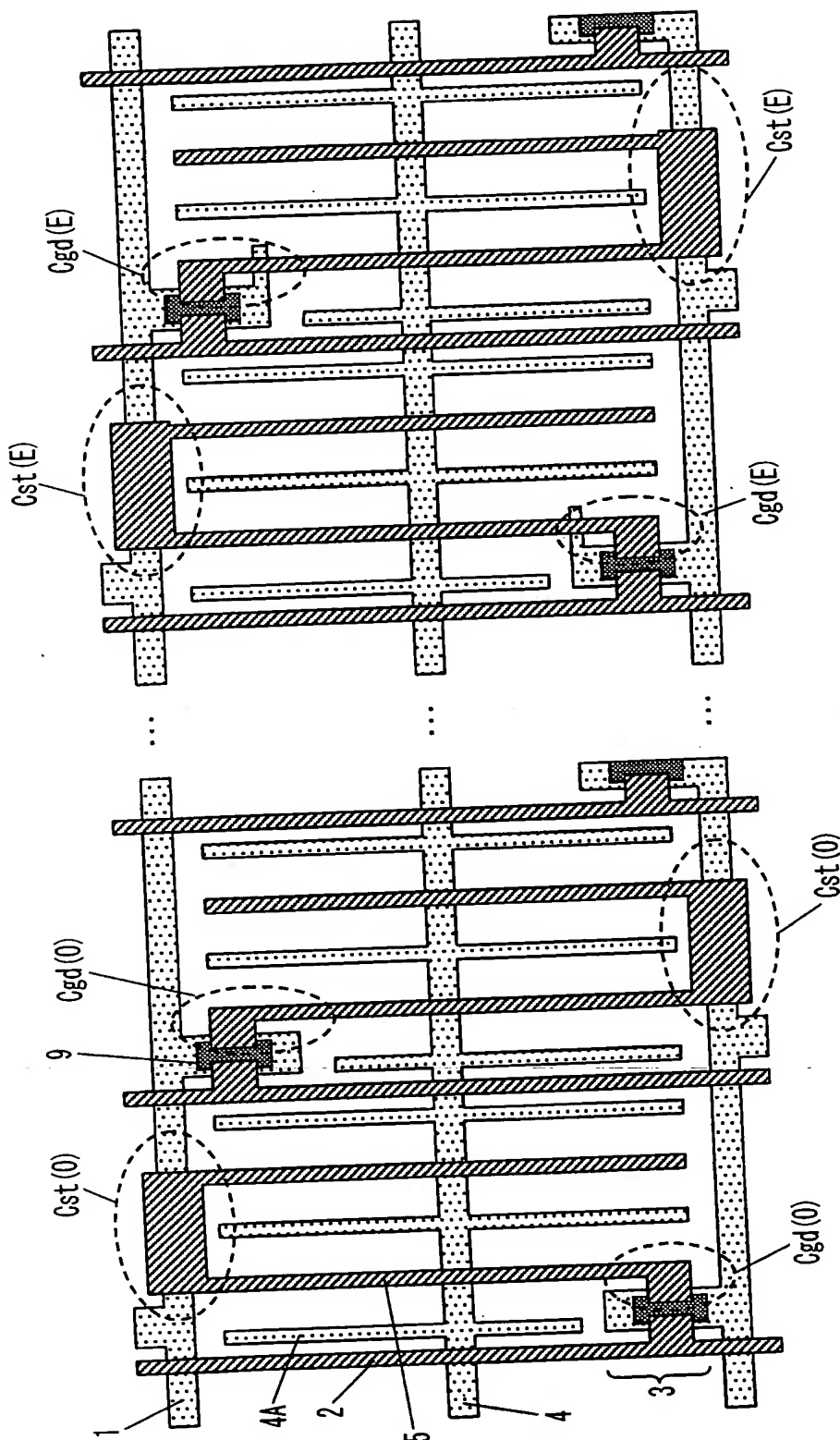


FIG. 12

2025T20" E856H00T

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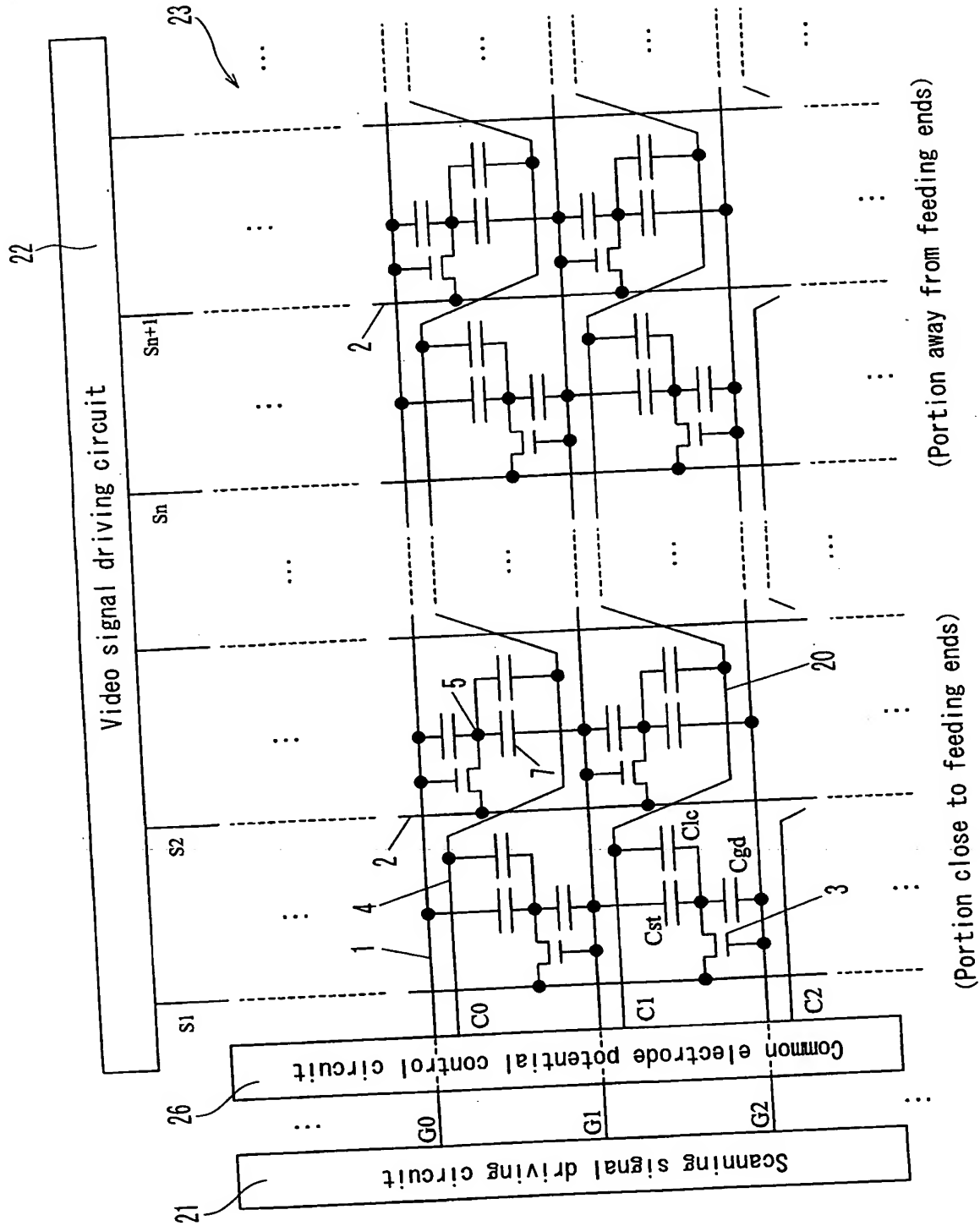


FIG. 13

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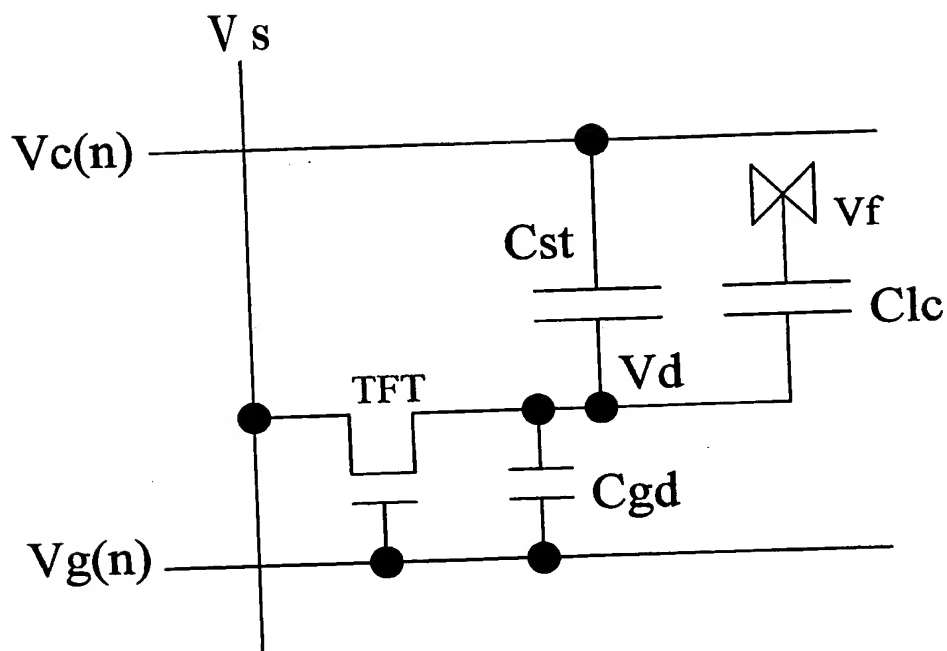


FIG. 14

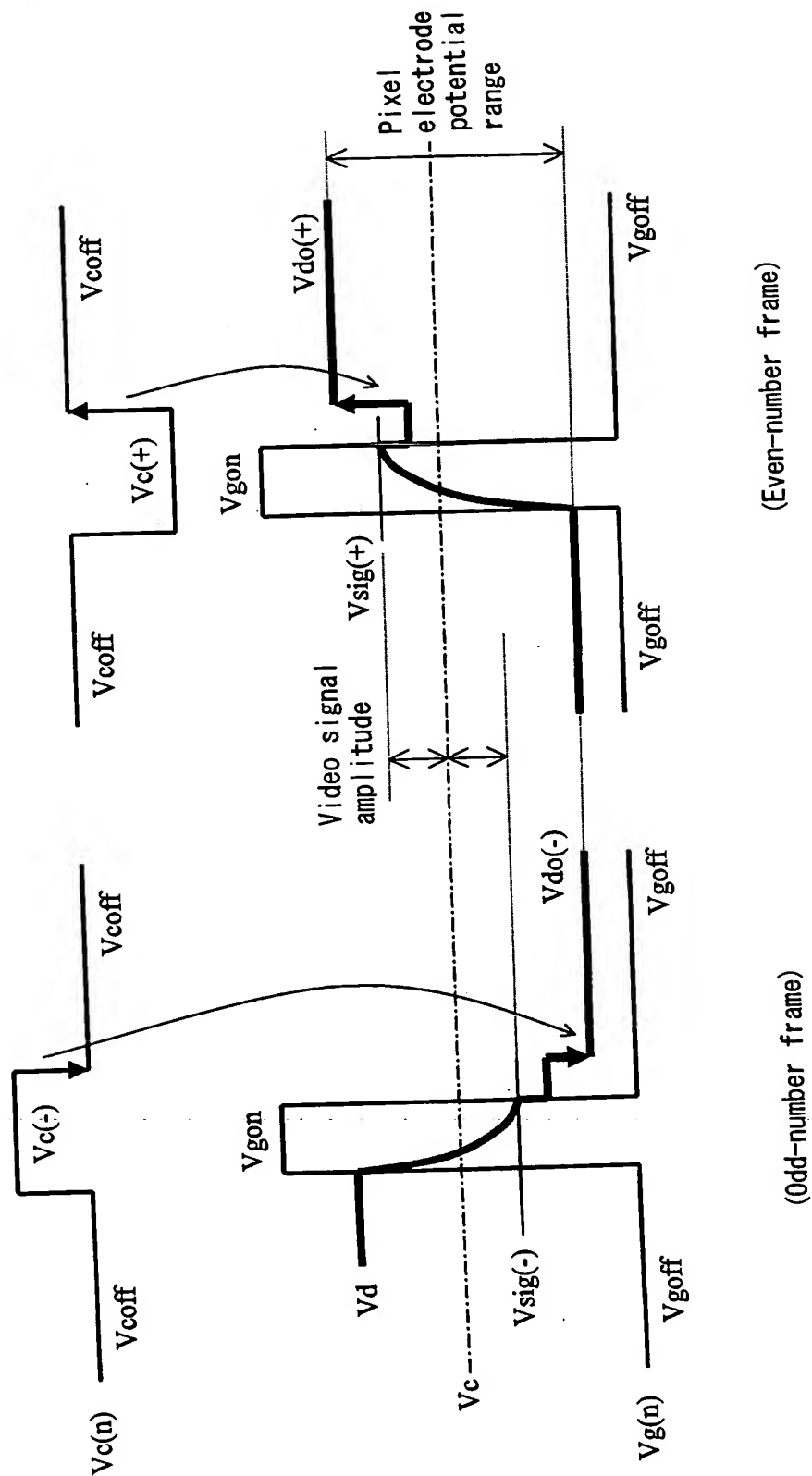


FIG. 15

FIG. 16A

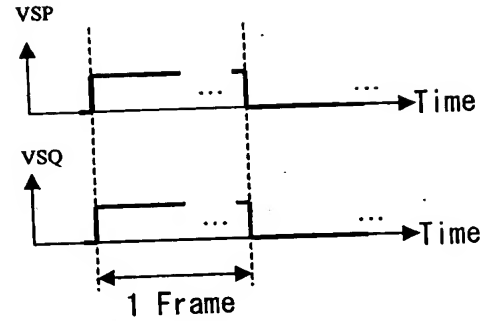
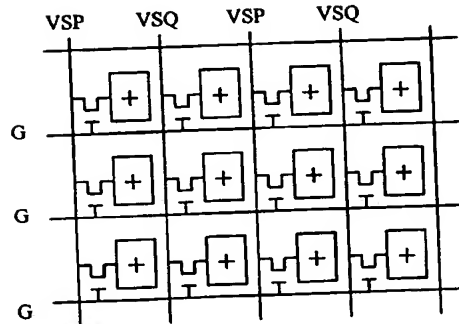


FIG. 16B

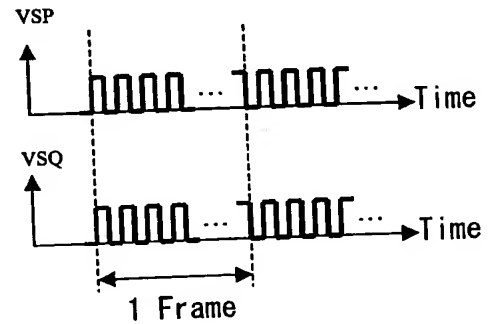
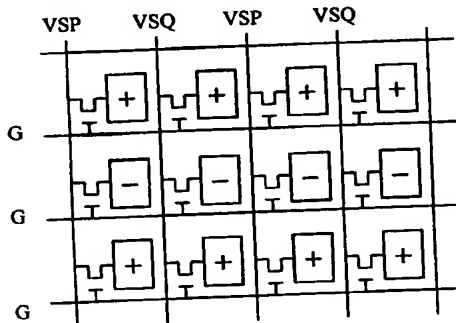


FIG. 16C

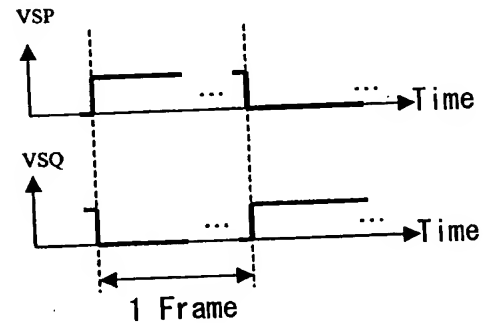
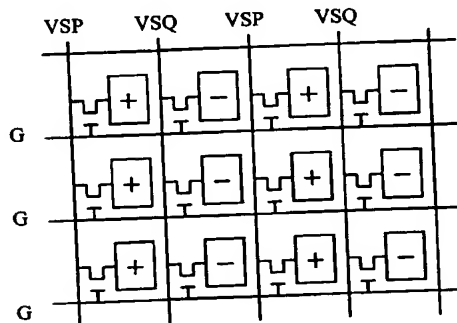
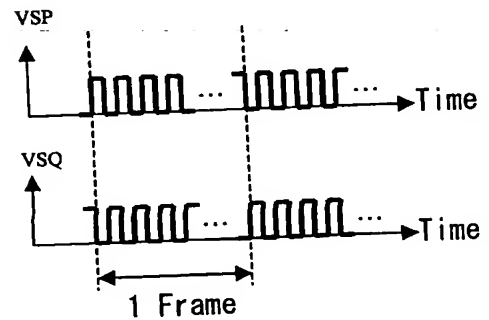
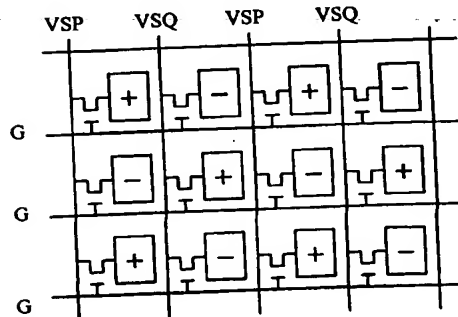
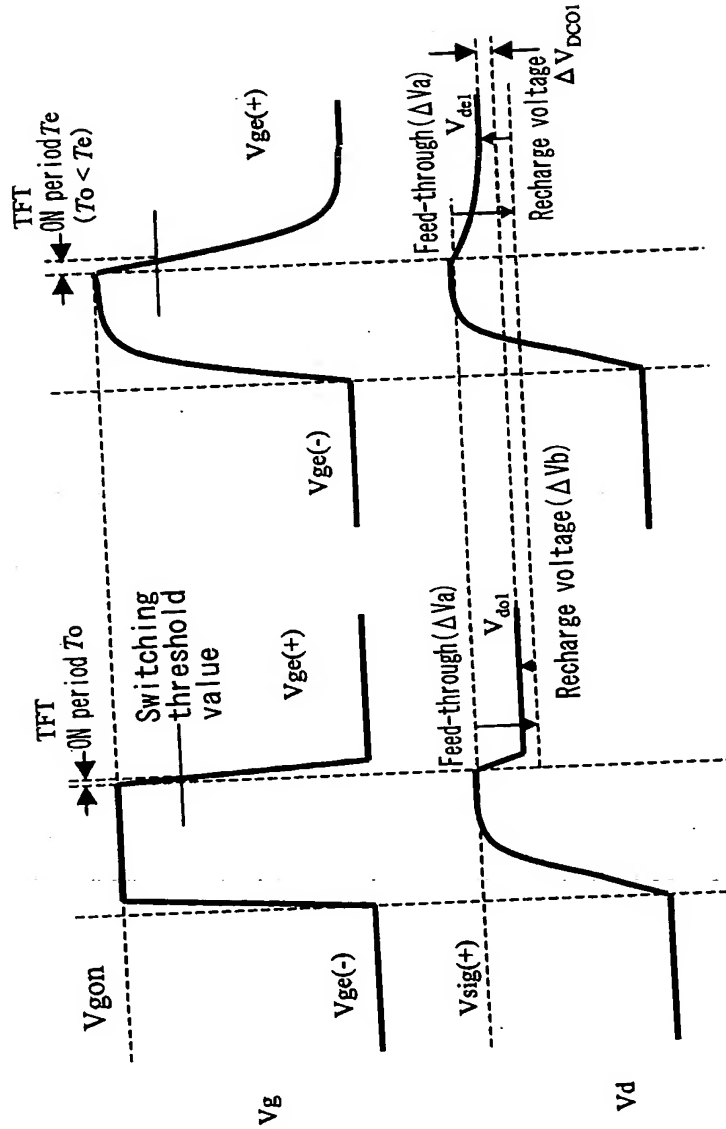


FIG. 16D





(Portion close to feeding ends) (Portion away from feeding ends)

FIG. 17

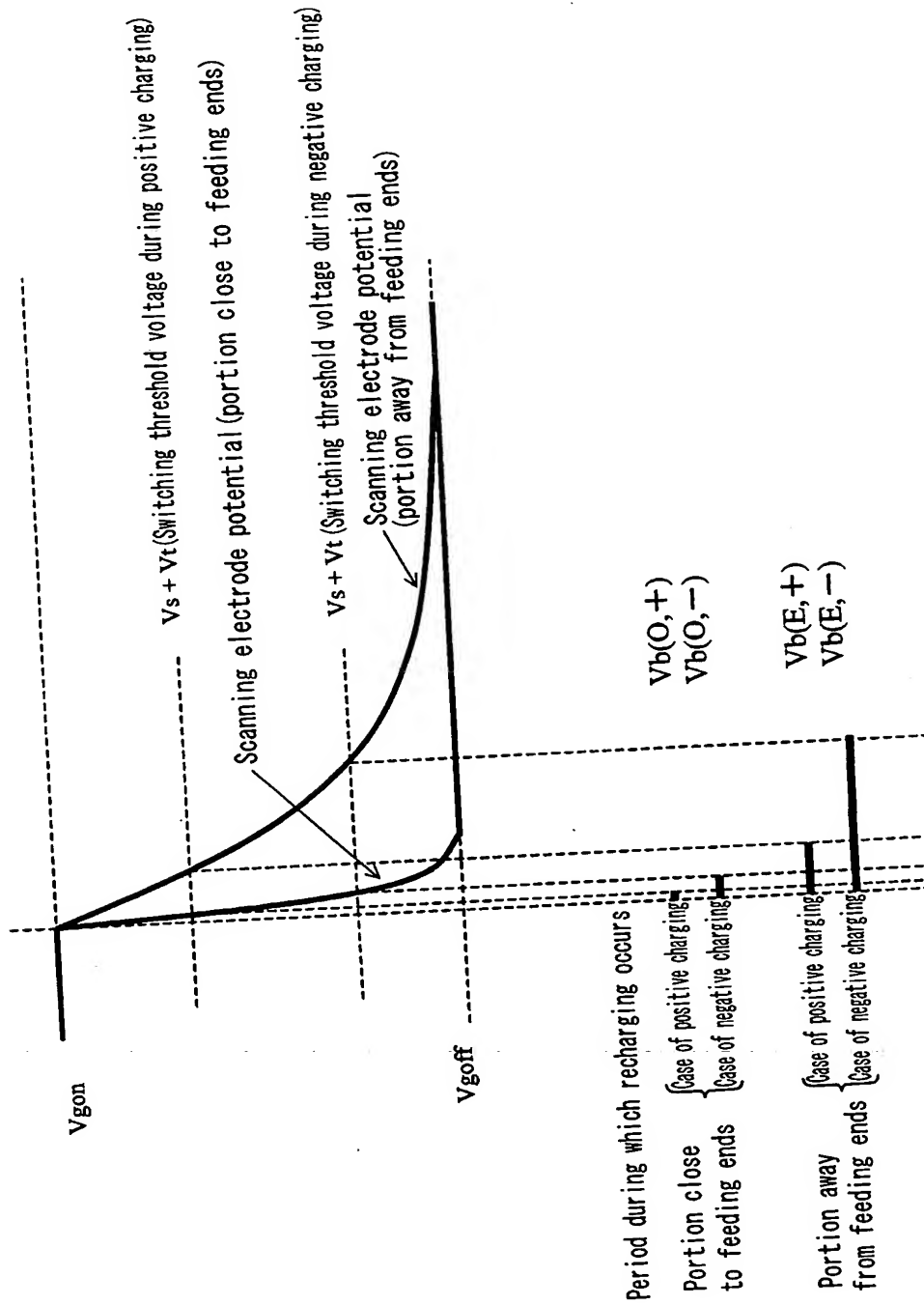


FIG. 18

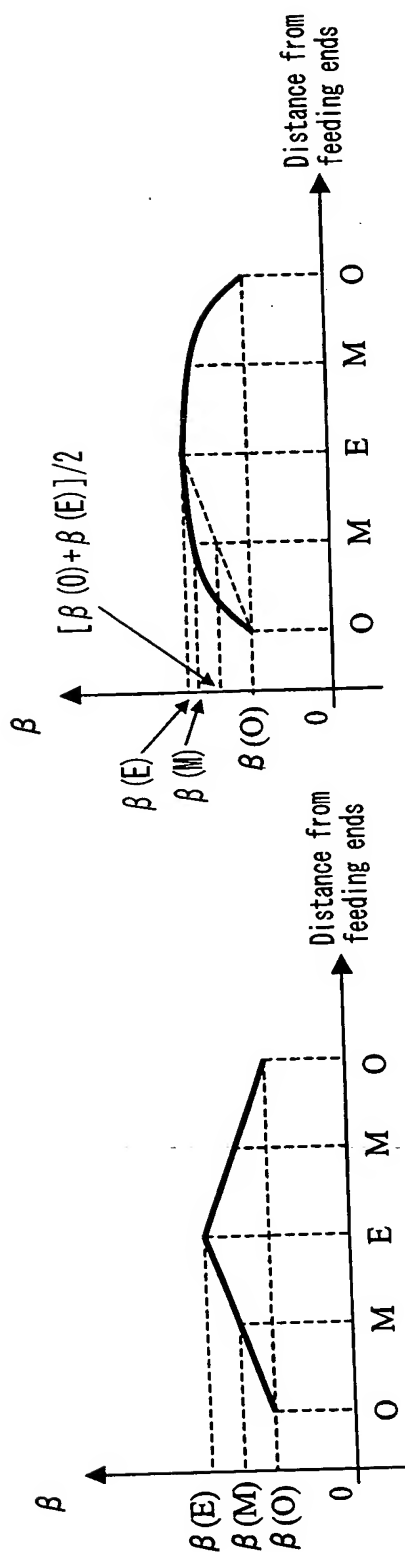


FIG. 19B

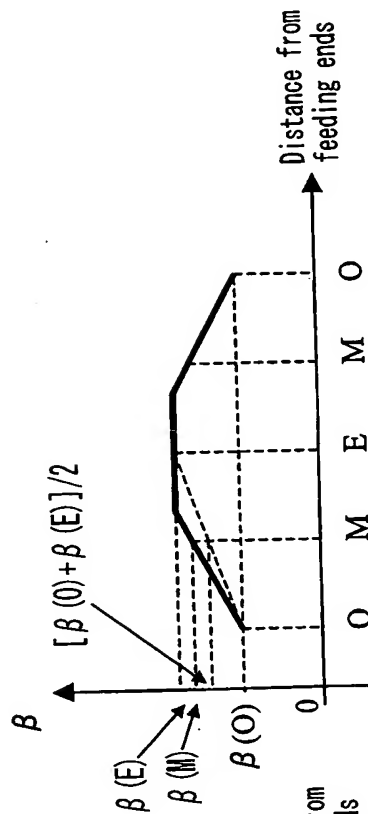


FIG. 19D

FIG. 19A

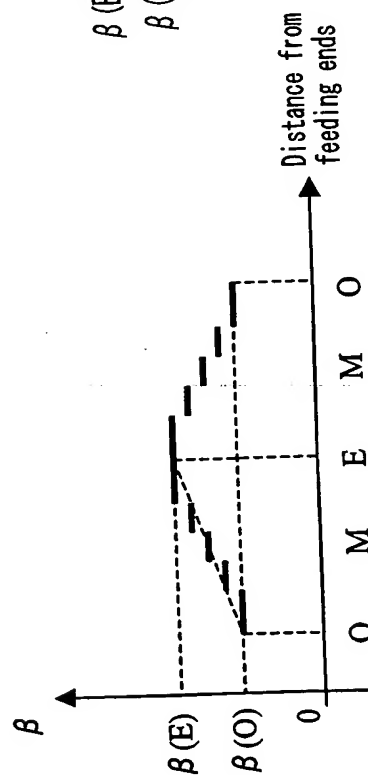


FIG. 19C

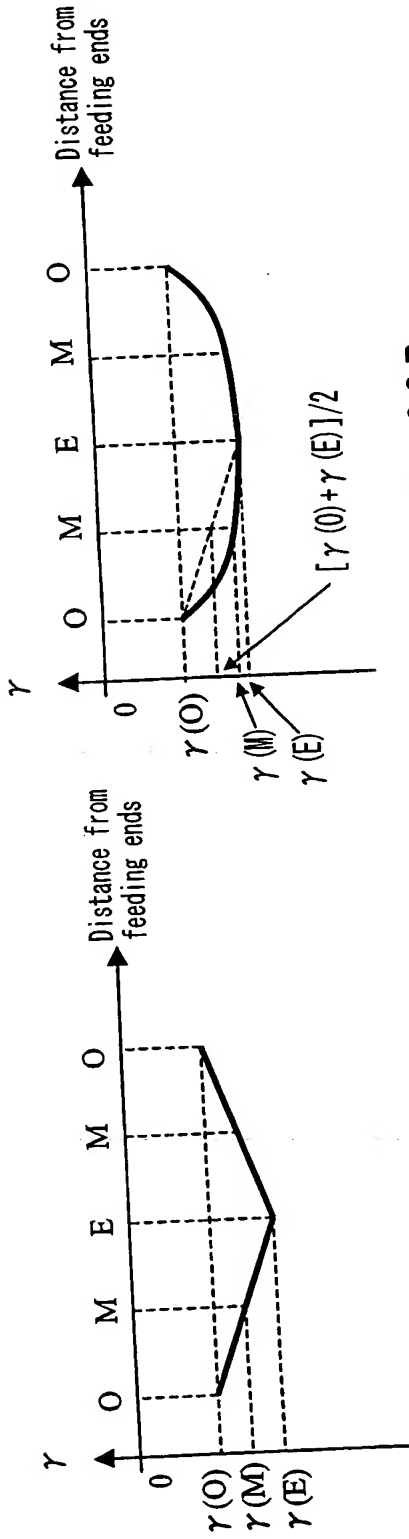


FIG. 20B

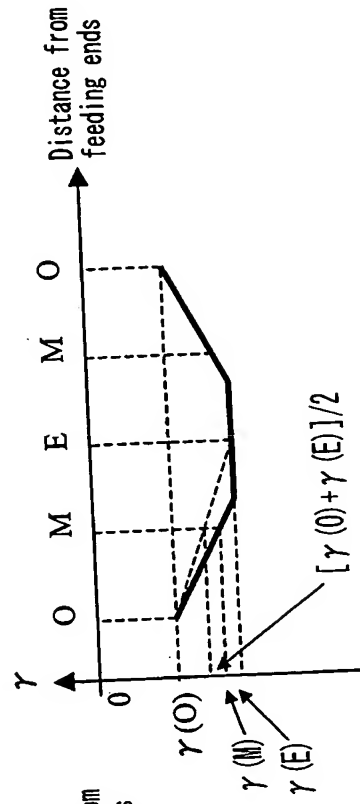


FIG. 20D

FIG. 20A

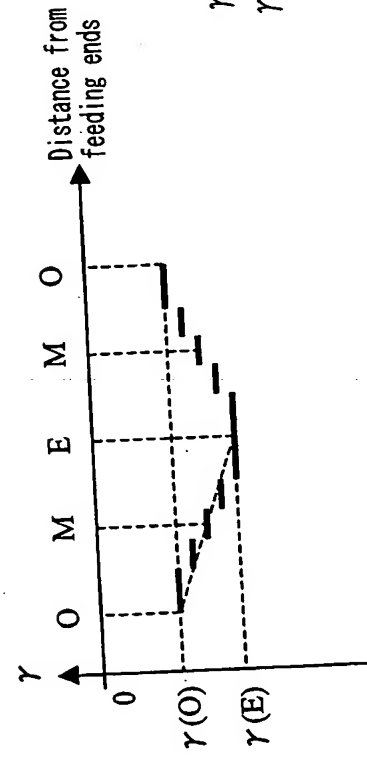


FIG. 20C

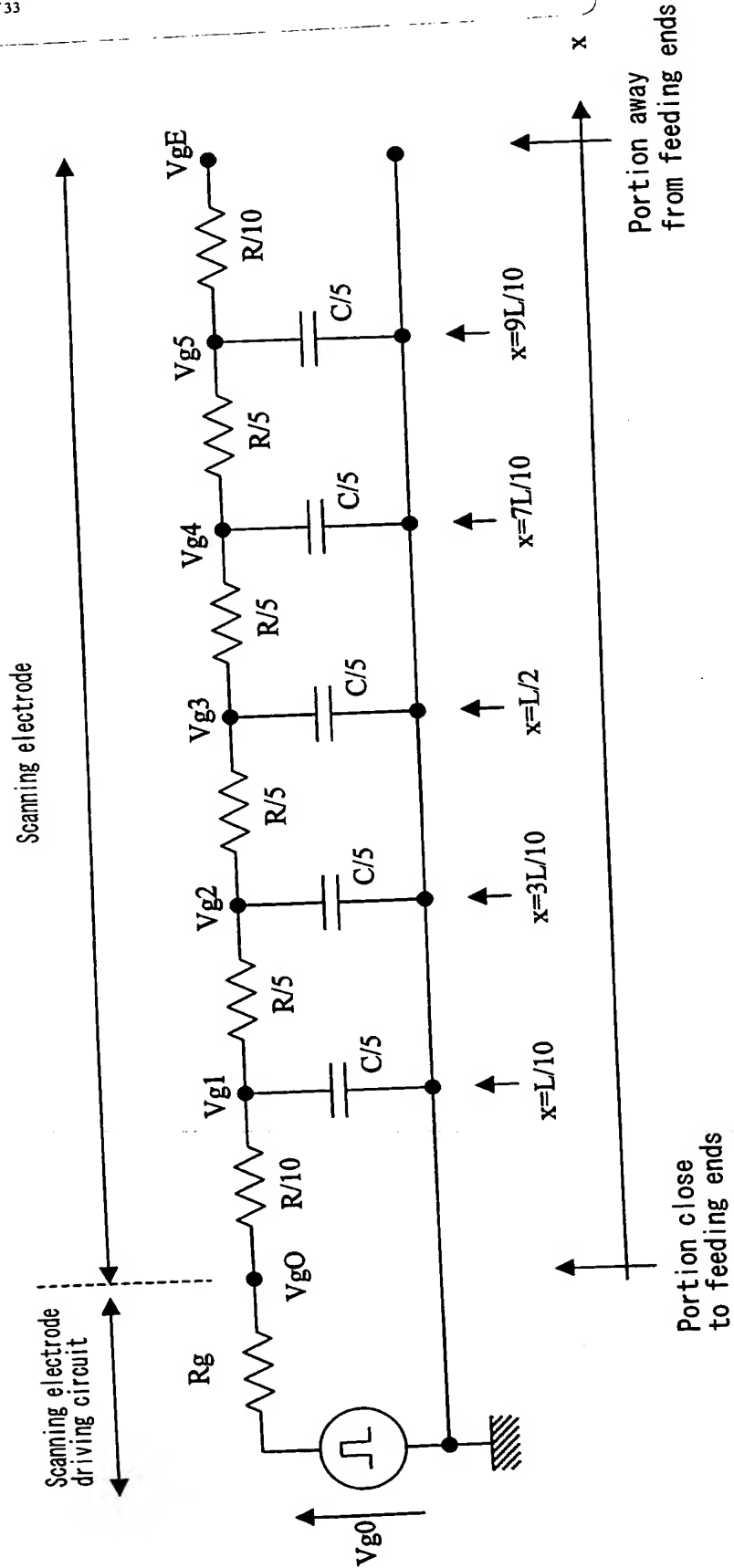


FIG. 21

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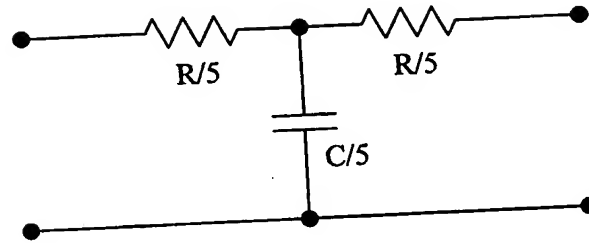


FIG. 22

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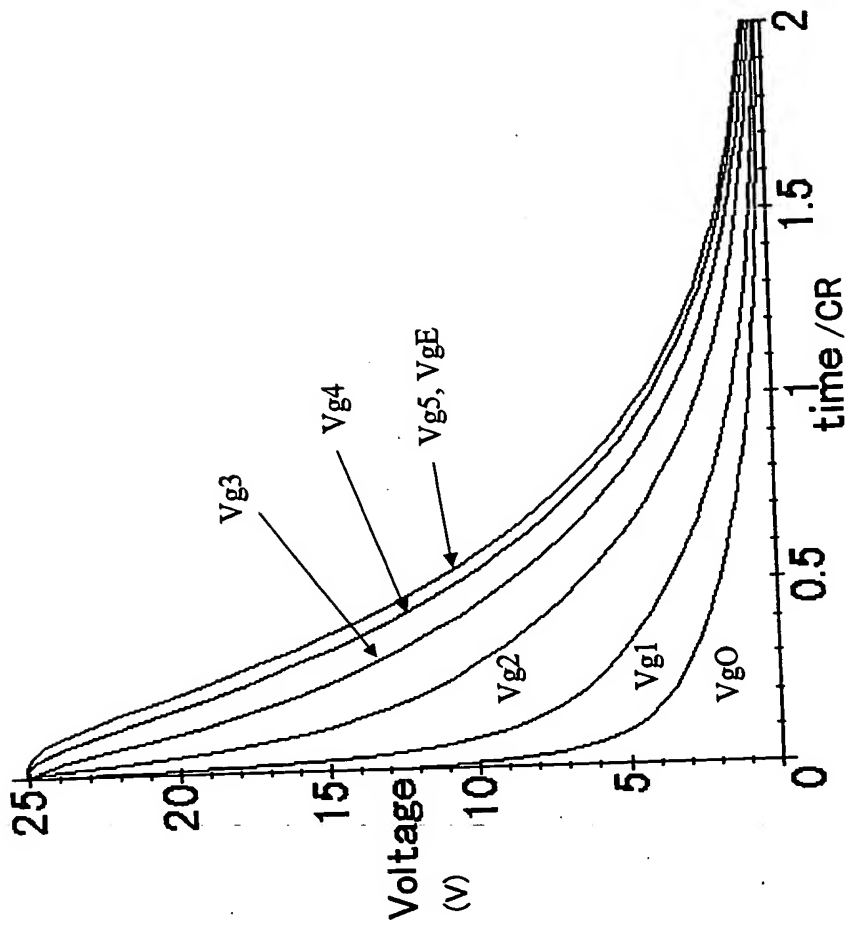


FIG. 23

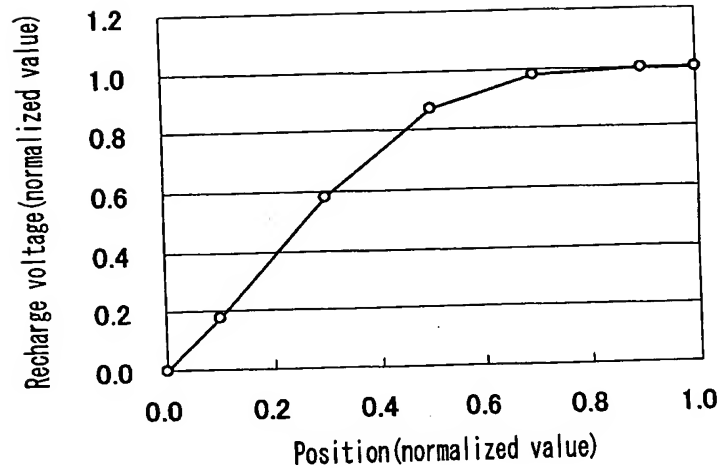


FIG. 24

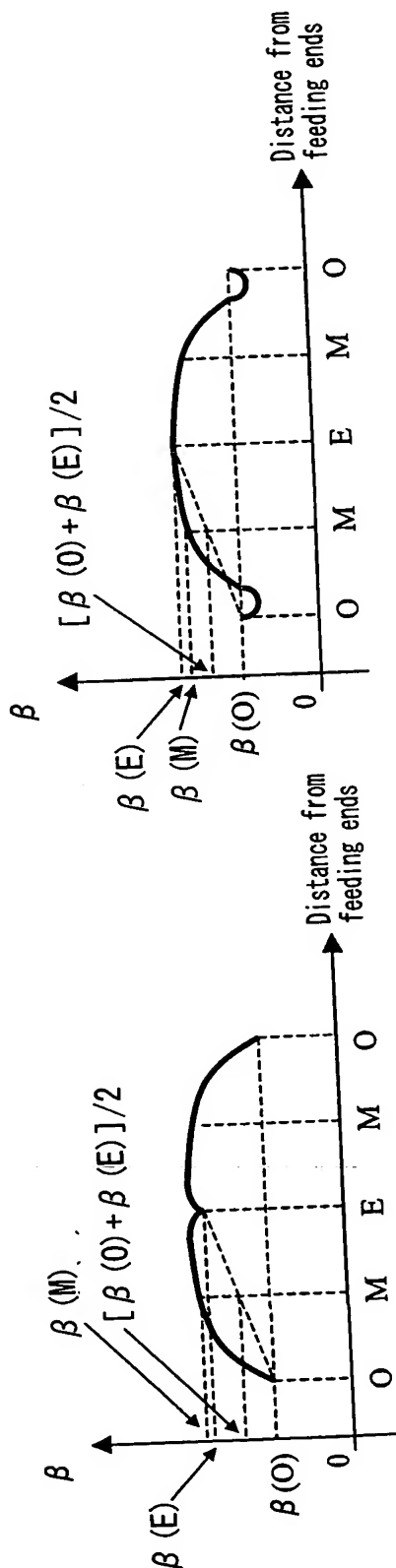
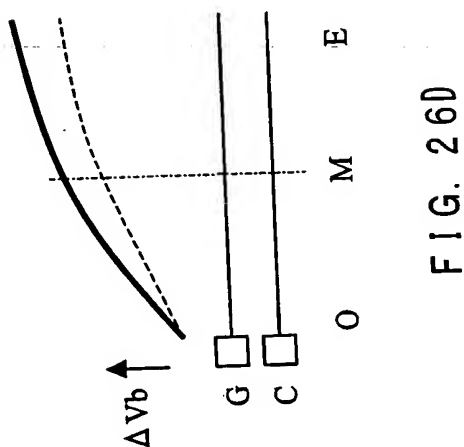
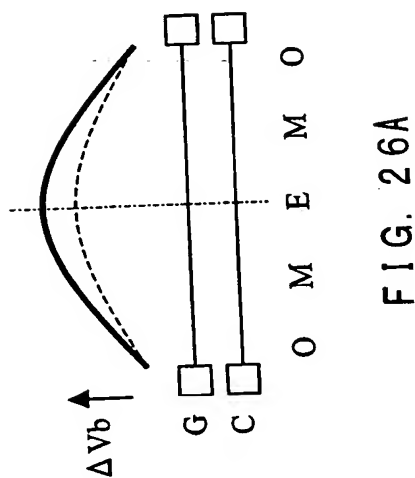
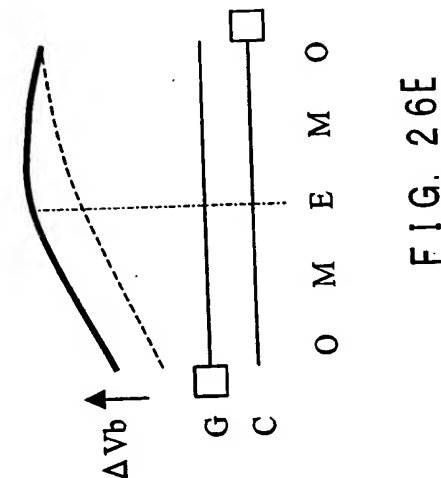
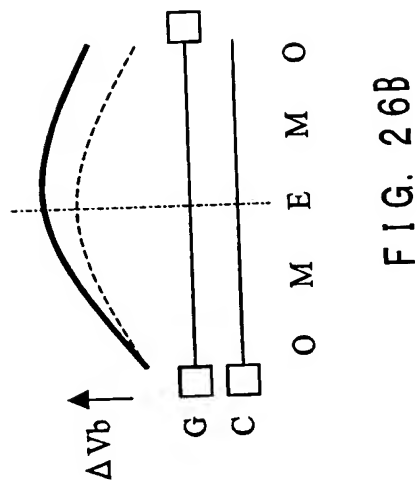
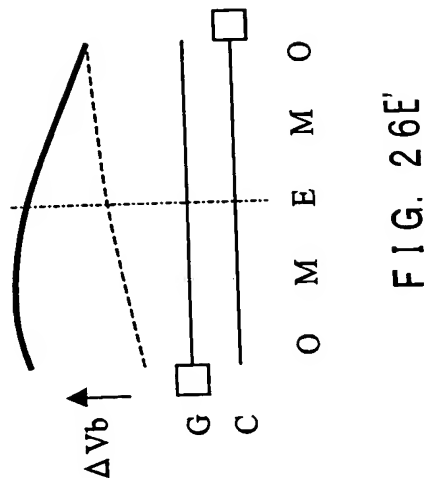
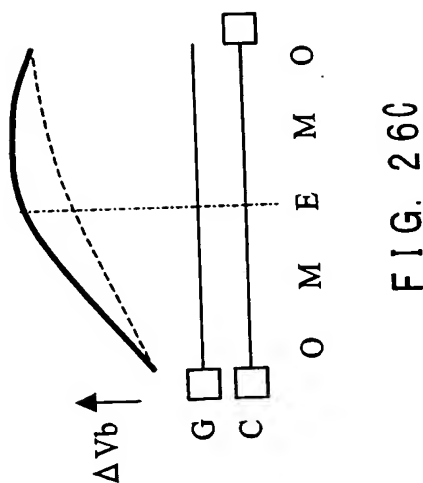


FIG. 25B

FIG. 25A



□ represents that a power is being supplied

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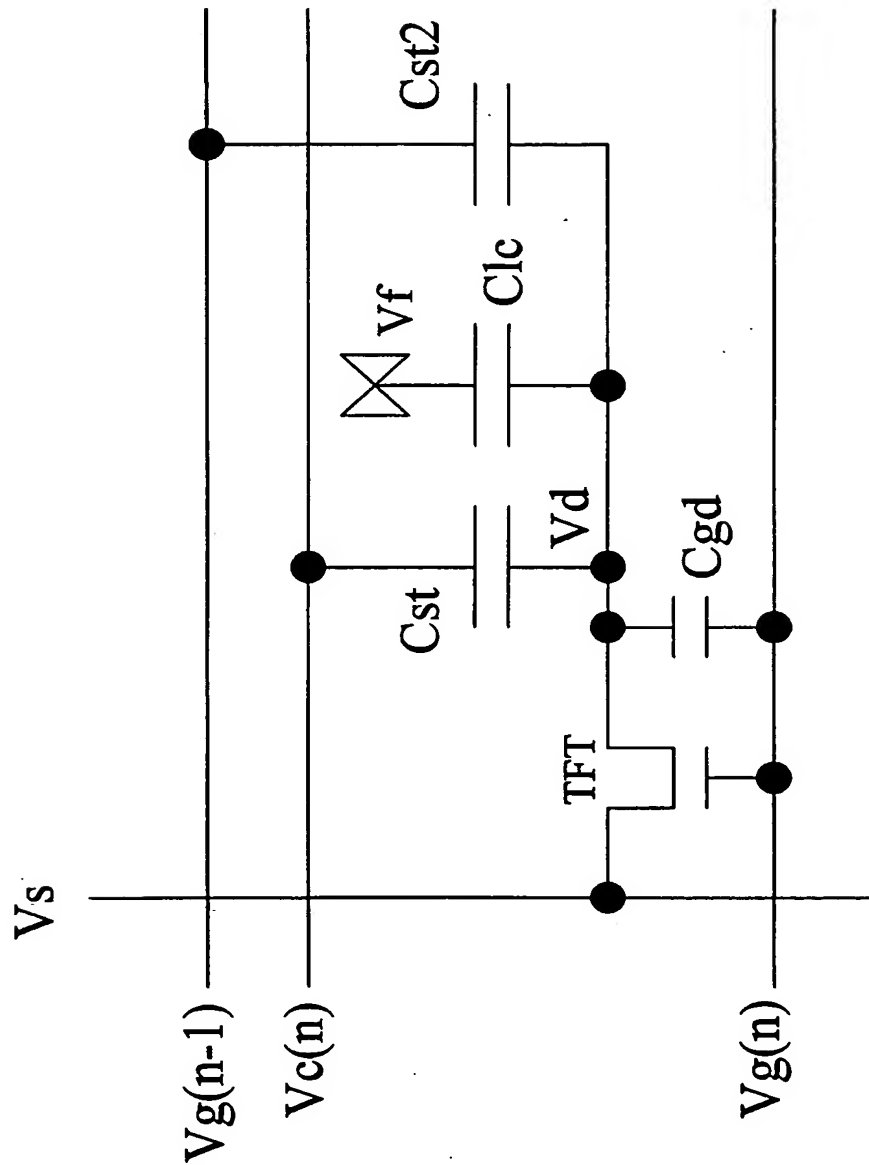
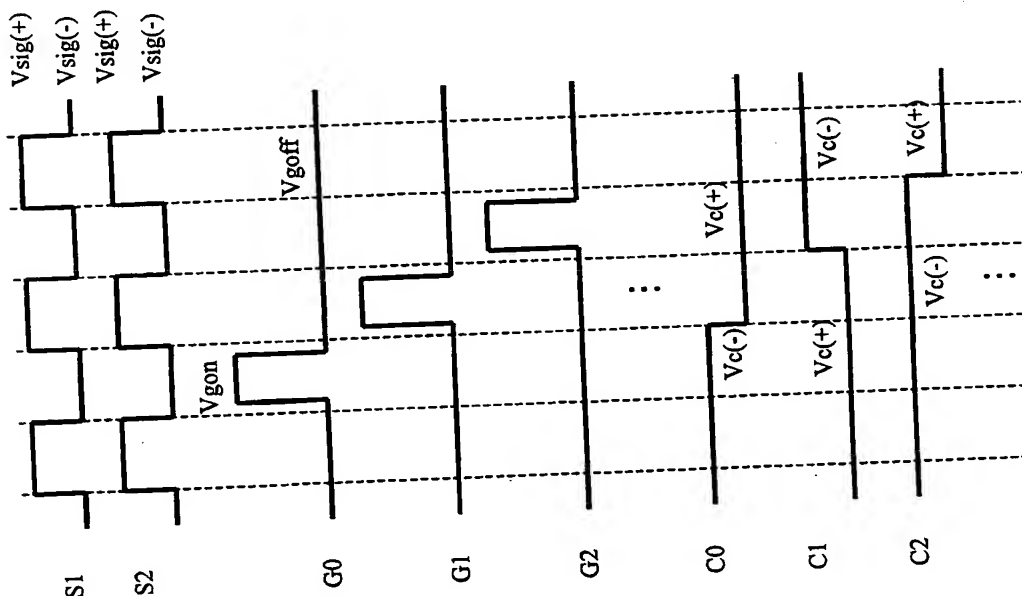
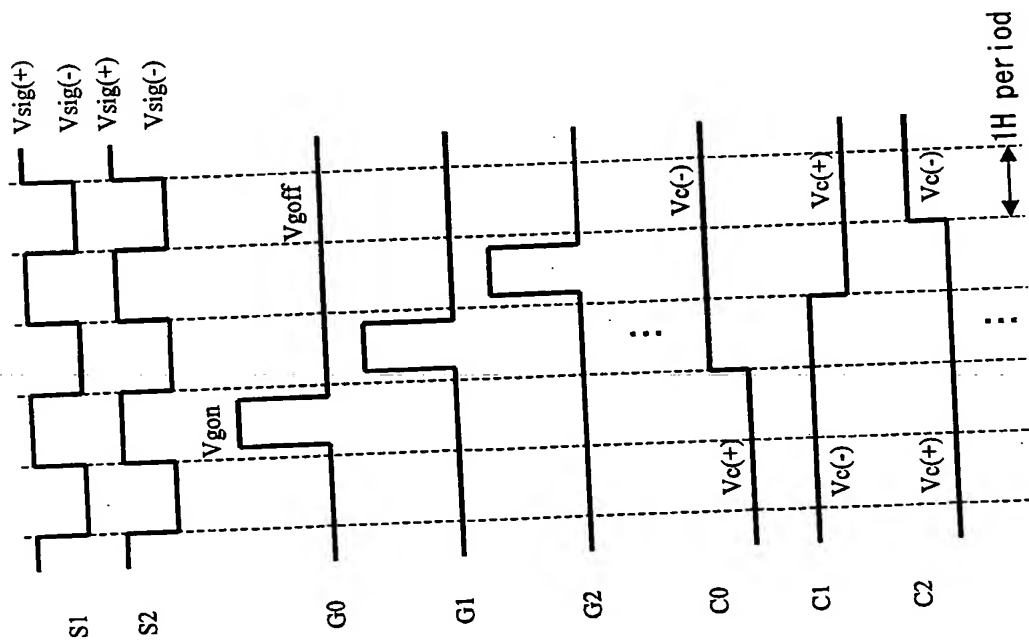


FIG. 27



(Even-number frame)

FIG. 28B

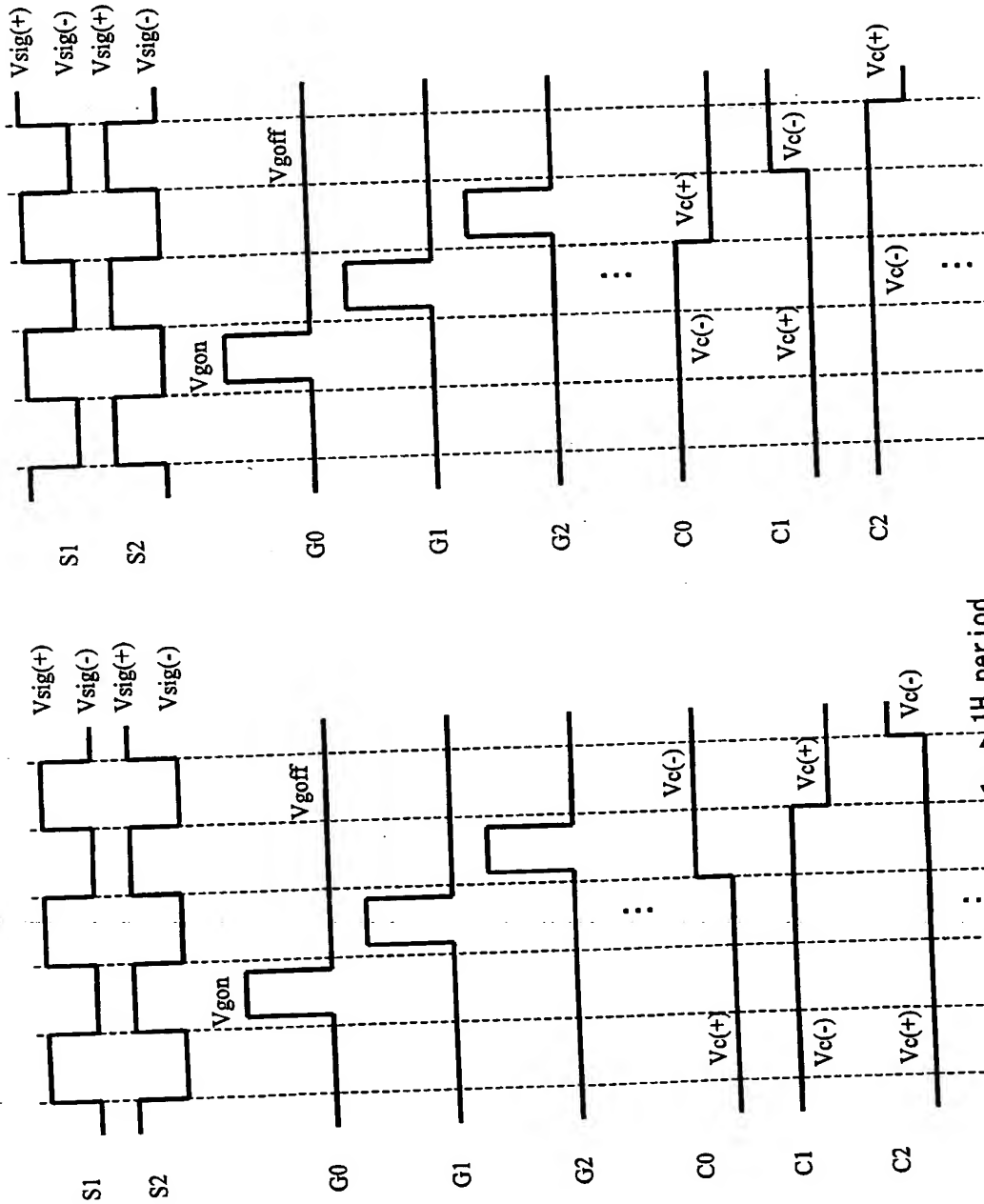


(Odd-number frame)

FIG. 28A

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FIG. 20



(Odd-number frame)

FIG. 29A

(Even-number frame)

FIG. 29B

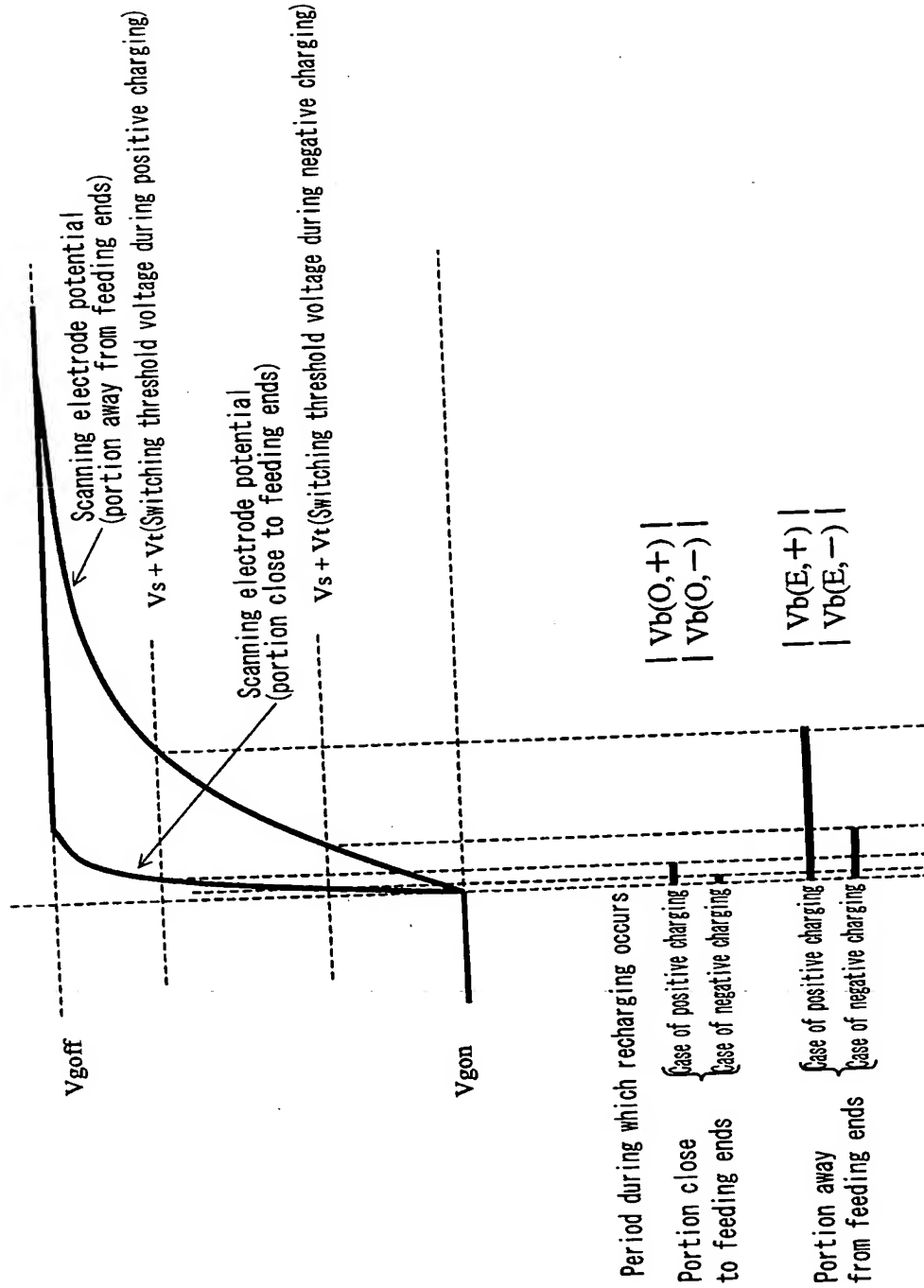


FIG. 30

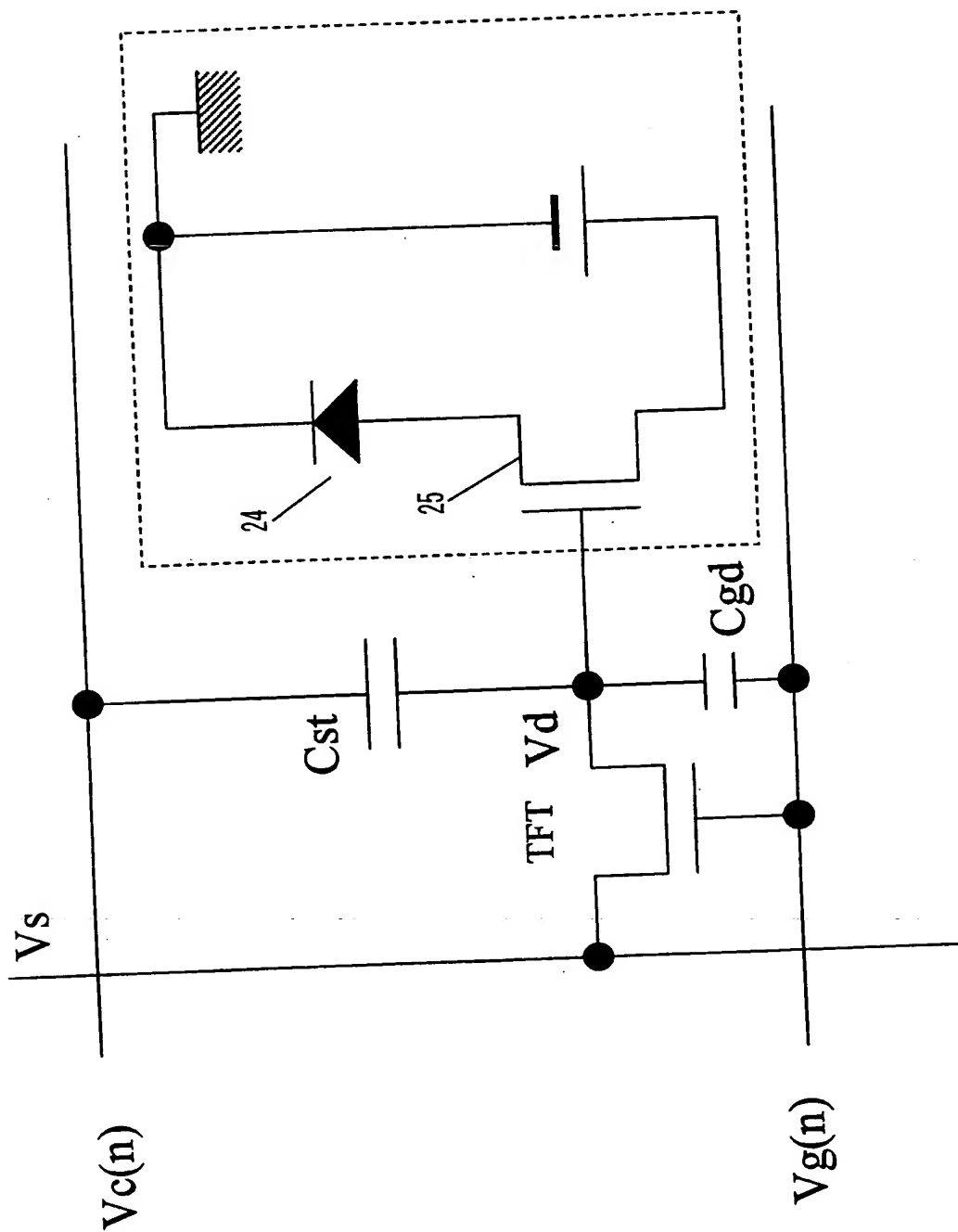


FIG. 31

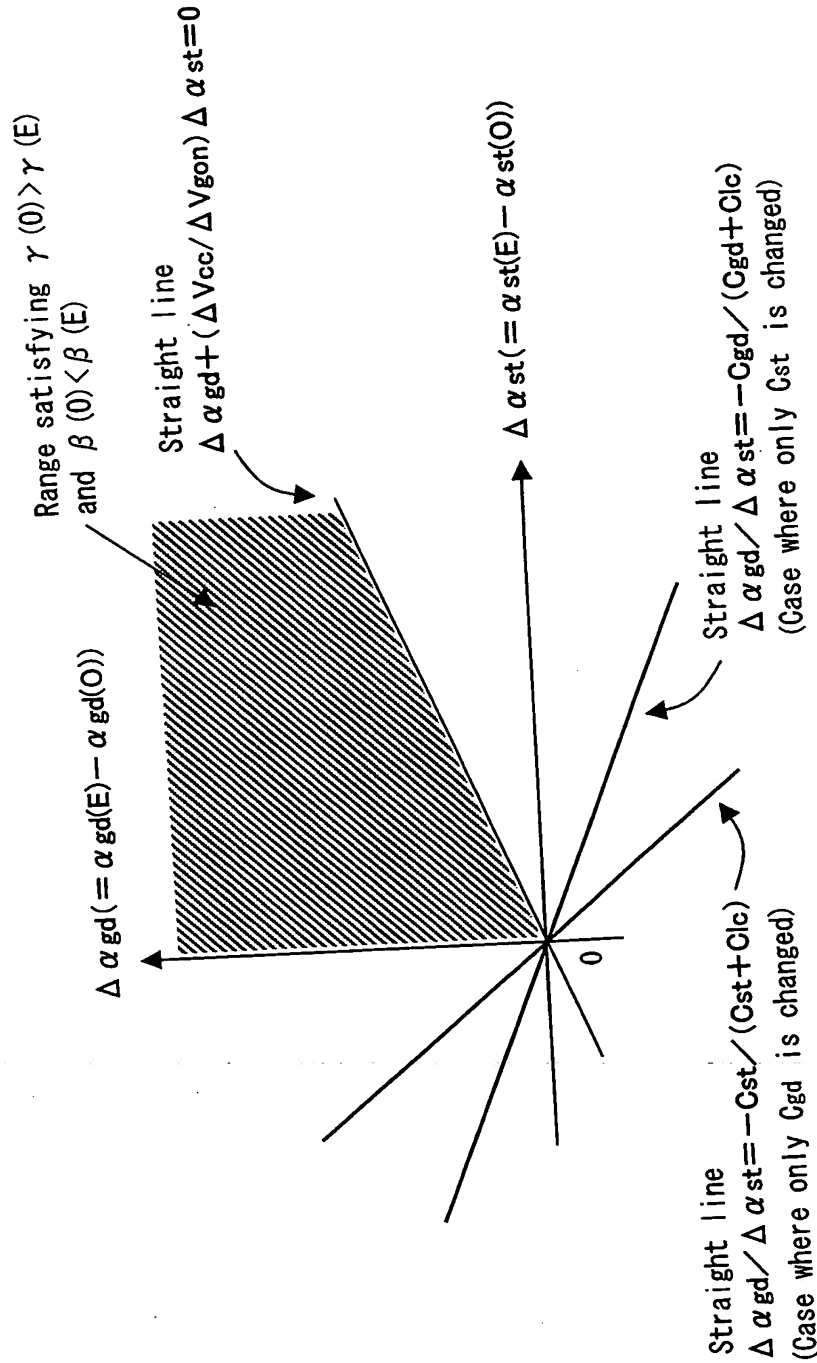


FIG. 32

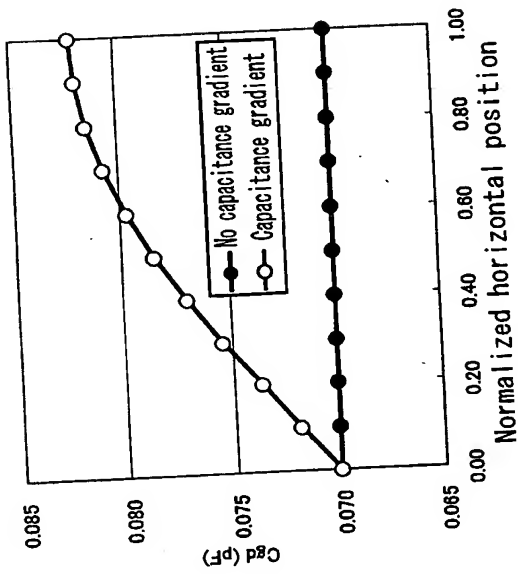


FIG. 33B

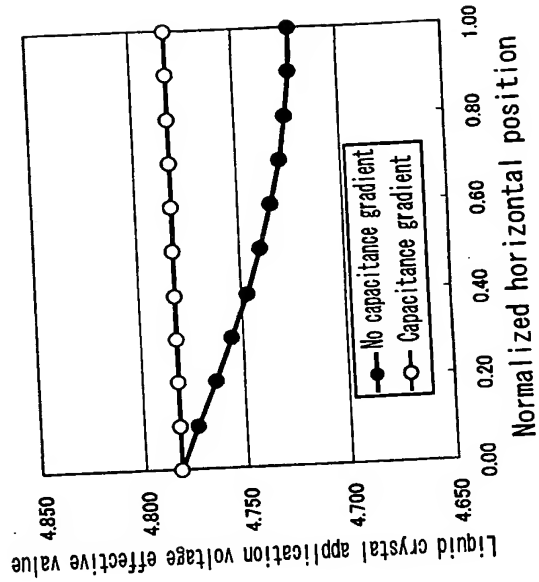


FIG. 33D

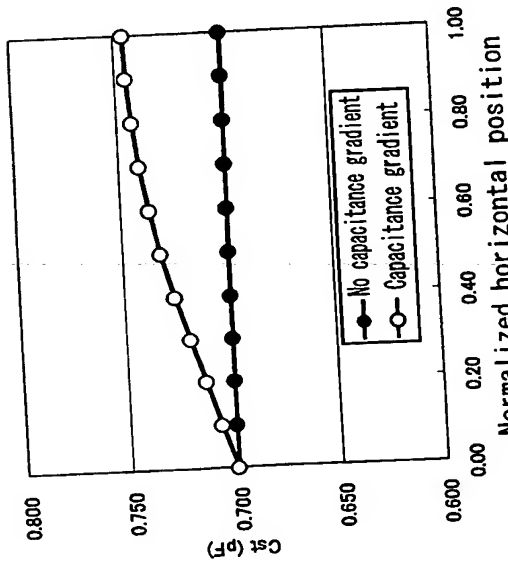


FIG. 33A

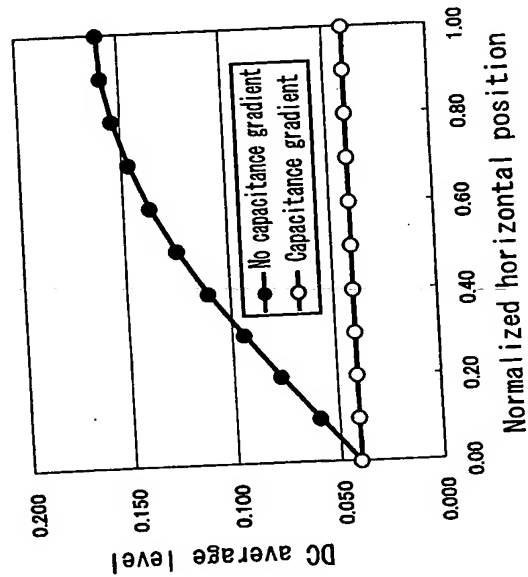


FIG. 33C